IN THE CLAIMS

Please make the following claim substitutions:

1   1. (Canceled)

1   2. (Canceled)

1   3. (Canceled)

1   4. (Canceled)

1   5. (Canceled)

1   6. (Canceled)

1   7. (Canceled)

1   8. (Canceled)

1   9. (Canceled)

1   10. (Canceled)

1   11. (Canceled)

1   12. (Currently amended)   A method for use in a node of a network comprising:

2   storing location information of other nodes of the network, wherein said location

3   information comprises a global position represented by at least two coordinates,

4   exchanging the stored location information with adjacent nodes of the network,

5   and

6   The method of claim 1, wherein said node stores a local topology and said node

7   stores said location information of other nodes within and outside said local topology.

1   13. (Previously presented) The method of claim 12, wherein said node uses a

2   geometry-based routing protocol to transmit said location information to nodes outside

3   of said local topology.

1   14. (Previously presented) The method of claim 13, wherein said node

2   determines a distance from a destination node outside of said local topology to nodes in

3   said local topology using said geometry-based routing protocol and said location

4   information to identify the closest node in said local topology for routing to said

5   destination node.

1   15. (Currently amended)   The method of claim 12 ~~1~~, wherein said node

2   determines said coordinates from information received from a global positioning system.

1   16. (Canceled)

1   17. (Previously presented) The method of claim 12, said local topology of said

2   node being nodes located within a predetermined number of hops from said node.

1   18. (Previously presented) The method of claim 17, wherein said local topology

2   of said node comprises a first set of nodes having a point-to-point link to said node and

3   a second set of nodes having a point-to-point link to a node in said first set of nodes.

1   19. (Canceled)